

# COPY OF PAPERS ORIGINALLY FILED

Attorney Docket No.: 407T-301500US Client Reference No.: 2002-031

#### **DECLARATION**

As a below named inventor, I declare that:

inventor (if o matter which THREE DIS	nly one name is listed be is claimed and for which TINCT ARCHITECTU	I citizenship are as stated be low) or an original, first and a patent is sought on the invIRES FOR INFORMATIO February 19, 2002 as Applic	joint inventor (if plural invention entitled: MULTISEN STORAGE APPLICATION OF THE PROPERTY OF	inventors are named below) STATE TRIPLE-DECKE ATIONS the specification of	of the subject R DYADS IN of which is
amendment re in accordance Code, Section foreign applie	eferred to above. I acknow with Title 37, Code of Fig. 119 of any foreign app	e contents of the above-ide whedge the duty to disclose is federal Regulations, Section discation(s) for patent or investor's certificate having a filing	information which is mate 1.56. I claim foreign price entor's certificate listed be	erial to the examination of the prity benefits under Title 35, below and have also identif	his application , United States ied below any
Trioi Porcig	Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119	]
I hereby clair		pplication No.	(e) of any United States p		ted below:

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of	Full Name:		
Inventor 1:	Jonathan S. Lindsey		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Raleigh	North Carolina	US
Post Office	Post Office Address:		
Address:	3931 Napa Valley Drive, Raleigh, North Carolina 27612		
Full Name of	Full Name:		
Inventor 2:	David F. Bocian		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Riverside	California	US
Post Office	Post Office Address:		
Address:	6308 Glen Aire Avenue, Riverside, California 92506		
Full Name of	Full Name:		
Inventor 3:	Karl-Heinz Schweikart		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Nevbulach	Germany	Germany
Post Office	Post Office Address:		
Address:	Schulstr 5, 75387 Nevbulach Germany		
Full Name of	Full Name:		
Inventor 4:	Werner G. Kuhr		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Oak Hills	California	US
Post Office	Post Office Address:		
Address:	7075 Coriander Drive, Oak Hills, California 92345		

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Jonathan S. Lindsey	David F. Bocian	Karl-Heinz Schweikart
Date 5/14/2002	Date	Date

Signature of Inventor 4	
Werner G. Kuhr	
Date	

Full Name of	Full Name:		
Inventor 1:	Jonathan S. Lindsey		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Raleigh	North Carolina	US
Post Office	Post Office Address:		
Address:	3931 Napa Valley Drive, Raleigh, North Carolina 27612		
Full Name of	Full Name:		
Inventor 2:	David F. Bocian	·	
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Riverside	California	US
Post Office	Post Office Address:		
Address:	6308 Glen Aire Avenue, Riverside, California 92506		
Full Name of	Full Name:		
Inventor 3:	Karl-Heinz Schweikart		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Nevbulach	Germany	Germany
Post Office	Post Office Address:		
Address:	Schulstr 5, 75387 Nevbulach Germany		
Full Name of	Full Name:		
Inventor 4:	Werner G. Kuhr		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Oak Hills	California	US
Post Office	Post Office Address:		
Address:	7075 Coriander Drive, Oa	ak Hills, California 92345	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2126
No fine
F. Bocian Karl-Heinz Schweikart
5/15/0 \ Date

Signature of Inventor 4

Werner G. Kuhr

Date

Full Name of	Full Name:		
Inventor 1:	J nathan S. Lindsey		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Raleigh	North Carolina	US
Post Office	Post Office Address:		
Address:	3931 Napa Valley Drive, Rale	eigh, North Carolina 27612	
Full Name of	Full Name:		
Inventor 2:	David F. Bocian		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Riverside	California	US
Post Office	Post Office Address:		
Address:	6308 Glen Aire Avenue, Riverside, California 92506		
Full Name of	Full Name:		
Inventor 3:	Karl-Heinz Schweikart		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Nerbulach	Germany	Germany
Post Office	Post Office Address:		
Address:	Schulstr 5, 75387 Ne bulach	Germany	
Full Name of	Full Name:		
Inventor 4:	Werner G. Kuhr		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Oak Hills	California	US
Post Office	Post Office Address:		
Address:	7075 Coriander Drive, Oak H	lills, California 92345	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
		Il Schurdoot
Jonathan S. Lindsey	David F. Bocian	Karl-Heinz Schweikart
Date	Date	Date 86 21/02

Signature of Inventor 4

Werner G. Kuhr

Date

Full Name of	Full Name:		
Inventor 1:	Jonathan S. Lindsey		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Raleigh	North Carolina	US
Post Office	Post Office Address:		
Address:	3931 Napa Valley Drive, Raleigh, North Carolina 27612		
Full Name of	Full Name:		
Inventor 2:	David F. Bocian		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Riverside	California	US
Post Office	Post Office Address:		
Address:	6308 Glen Aire Avenue, Riverside, California 92506		
Full Name of	Full Name:		
Inventor 3:	Karl-Heinz Schweikart		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Nevbulach	Germany	Germany
Post Office	Post Office Address:		
Address:	Schulstr 5, 75387 Nevbulach Germany		
Full Name of	Full Name:		
Inventor 4:	Werner G. Kuhr		
Residence &	City:	State/Foreign Country:	Country of Citizenship:
Citizenship:	Oak Hills	California	US
Post Office	Post Office Address:	•	
Address:	7075 Coriander Drive, Oak Hills	, California 92345	

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Jonathan S. Lindsey	David F. Bocian	Karl-Heinz Schweikart
Date	Date	Date

Signature of Inventor 4

Werner G. Kuhr

Date 05-17-02

U.C. Case No. <u>2002-031</u> Attorney Docket No. 407T-301500US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Jonathan S. Lindsey 2. David F. Bocian 3. Karl-Heinz Schweikart 4. Werner G. Kuhr

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TITLE: MULTISTATE TRIPLE-DECKER DYADS IN THREE DISTINCT ARCHITECTURES FOR INFORMATION STORAGE APPLICATIONS

and which is found in

(A) \_\_\_\_\_ U.S. application serial no. <u>10/079,938</u>, filed on <u>February 19, 2002</u>

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

executed this  14 day of May, 2002	Signature of Inventor(s)
day of, 2002	Monathan S. Lindsey
day of, 2002	David F. Bocian  Karl-Heinz Schweikart
day of, 2002	Werner G. Kuhr

U.C. Case No. <u>2002-031</u> Attorney Docket No. 407T-301500US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Jonathan S. Lindsey 2. David F. Bocian 3. Karl-Heinz Schweikart 4. Werner G. Kuhr

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TITLE: MULTISTATE TRIPLE-DECKER DYADS IN THREE DISTINCT ARCHITECTURES FOR INFORMATION STORAGE APPLICATIONS

and which is found in

(A) \_\_\_\_\_ U.S. application serial no. <u>10/079,938</u>, filed on <u>February 19, 2002</u>

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

executed this		Signature of Inventor(s)
day of	, 2002	
11 day of May	, 2002	Jonathan S. Lindsey  David F. Bocian
day of	, 2002	
day of	2002	Karl-Heinz Schweikart
day of	, 2002	Werner G. Kuhr

U.C. Case No. <u>2002-031</u> Attorney Docket No. 407T-301500US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Jonathan S. Lindsey 2. David F. Bocian 3. Karl-Heinz Schweikart 4. Werner G. Kuhr

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TITLE: MULTISTATE TRIPLE-DECKER DYADS IN THREE DISTINCT ARCHITECTURES FOR INFORMATION STORAGE APPLICATIONS

and which is found in

(A) \_\_\_\_\_ U.S. application serial no. <u>10/079,938</u>, filed on <u>February 19, 2002</u>

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

executed this		Signature of Inventor(s)
day of	, 2002	
		Jonathan S. Lindsey
day of	, 2002	
		David F. Bodian
21 day of	, 2002	The Thent !!
•		Karl-Heinz Schweikart
day of	, 2002	
		Werner G. Kuhr

U.C. Case No. <u>2002-031</u> Attorney Docket No. 407T-301500US

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

1. Jonathan S. Lindsey 2. David F. Bocian 3. Karl-Heinz Schweikart 4. Werner G. Kuhr

hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

TITLE: MULTISTATE TRIPLE-DECKER DYADS IN THREE DISTINCT ARCHITECTURES FOR INFORMATION STORAGE APPLICATIONS

and which is found in

(A) \_\_\_\_\_ U.S. application serial no. <u>10/079,938</u>, filed on <u>February 19, 2002</u>

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

executed this		Signature of Inventor(s)
day of	, 2002	
		Jonathan S. Lindsey
day of	, 2002	-
		David F. Bocian
day of	, 2002	
		Karl-Heinz Schweikart
17 day of05	, 2002	Ww S. Juhn
		Werner G. Kuhr



# COPY OF PAPERS ORIGINALLY FILED

(Modified) PTO/SB/81 (11-96) Approved for use through 6/30/99. OMB 0651-0035

## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT, NOT ACCOMPANYING APPLICATION

Application Number	10/079,938	
Filing Date	February 19, 2002	
First Named Inventor	Jonathan S. Linds y	
Group Art Unit	2818	
Examiner Name	Unassigned	
Attorney Docket Number	407T-301500US	

I hereby appoint:  Y Practitioners at Customer Number 22798					
N. Brackitioners of Civetomer Number					
A					
OR					
Practitioner(s) named below:					
Name Registration Number					
( ( ) the analization identified above and to transact all business in	ha				
as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in	ie				
Patent and Trademark Office connected therewith.					
Disease shares the correspondence address for the above-identified application to:					
Please change the correspondence address for the above-identified application to:  X The above-mentioned Customer Number.					
THAT IS:					
Firm or Individual Name   Quine Intellectual Property Law Group, P.C.					
Address P.O. Box 458					
Address F.O. Box 436					
Telephone (510) 337-7871 Fax (510) 337-7877					
I am the					
Applicant.					
Assignee of record of the entire interest (Certificate under 37 CFR 3.73(b) is enclosed)					
SIGNATURE of Applicant or Assignee of Record					
Name Linda S. Stevenson					
Signature Suda Stevenson					
Date					
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited with the United States as first class mail in an envelope addressed to:  Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:					
Typed or printed name Chianti Appling					
Signature $D$ Date $C/7/02$					



#### **COPY OF PAPERS** ORIGINALLY FILED



Press	4 h					
'Wh'	]	Approved for	PTO/SB/96 (2-98) r use through 09/30/02000. OMB 0651-0031			
PATI	STATEMENT UN	DER 37 CFR 3.73(k	<u>)</u>			
Apr	olicant: Jonathan S. Lindsey, et al.					
• •	plication No.: 10/079,938	Filed:	February 19, 2002			
Ent	Entitled: MULTISTATE TRIPLE-DECKER DYADS IN HTREE DISTINCT ARCHITECTURES FOR INFORMATION STORAGE APPLICATIONS					
	e Regents of the University , a California	unive	rsity			
	ice of Technology nsfer					
	(Name of Assignee) (Typ	e of Assignee, e.g., corporation, partner	ship, university, government agency, etc.)			
states	that it is:					
1.	the assignee of the entire right, title	e, and interest; or				
2.	an assignee of an undivided part in	nterest				
in the p	patent application identified above by vir	tue of either:				
	An assignment from the inventor(s) of assignment was recorded in the Paten which a copy thereof is attached.	the patent application id t and Trademark Office	entified above. The at Reel, or for			
OR						
B.[]	A chain of title from the inventor(s), of current assignee as shown below:	the patent application id	entified above, to the			
1.	From:	To:				
	The document was recorded in the Par Reel, Frame, or for white	tent and Trademark Offi ch a copy thereof is atta	ce at ched.			
2.	From:	To:				
	The document was recorded in the Par Reel, Frame, or for white					
3.	From:	To:				
	The document was recorded in the Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.					
[ ] Additional documents in the chain of title are listed on a supplemental sheet						
[X]Co	ppies of assignments or other documents	s in the chain of title are	attached.			
	ndersigned (whose title is supplied below signee.	v) is empowered to sign	this statement on behalf of			
	4/4/02 Date	Anda Signatu	Heverson			
	Date	v olgalia				
		Linda S. Steven Typed or printe				
		Manager, Patent	Prosecution			